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14X ROP

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



P 03/163-Ha



(43) International Publication Date  
3 March 2005 (03.03.2005)

PCT

(10) International Publication Number  
WO 2005/018773 A1

(51) International Patent Classification<sup>7</sup>: B01D 11/04, (74) Common Representative: MERCK PATENT GMBH,  
G01N 1/40, C12N 15/10 Frankfurter Strasse 250, 64293 Darmstadt (DE).

(21) International Application Number: PCT/EP2004/007290

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date: 5 July 2004 (05.07.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: 03018908.8 20 August 2003 (20.08.2003) EP

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(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2005/018773 A1

(54) Title: METHODS FOR EXTRACTION AND CONCENTRATION OF HYDROPHILIC COMPOUNDS FROM HYDROPHOBIC LIQUID MATRICES

(57) Abstract: Methods for extraction and concentration of hydrophilic compounds, biological materials or particles dispersed or distributed in hydrophobic liquid matrices are disclosed. In order to improve yield the extraction is carried out using a capture solution comprising an extractant. The extract is well suited for the purpose of detection and /or quantification of contaminants in hydrophobic liquids. The preferred extractants are amphoteric or anionic phospholipids (e.g. lecithins) and anionic surfactants, as well as mixtures of these, optionally containing also non-ionic surfactants.